

**SUBSTITUTE ABSTRACT OF THE DISCLOSURE WITH CHANGES SHOWN****EXPLICITLY****ABSTRACT OF THE DISCLOSURE**

A potential energy field flow bioreactor for processing a reagent [in feedstocks with reactant particles adsorbed therein] includes a flow pathway [defined by a least one surface,] preferably in the form of a spiral, through which pathway is flowed reactant particles and at least one initial reagent adapted to react therewith [during their passage through the pathway]. The reaction generates an energy potential difference between the beginning of said pathway and its end thereby polarizing the reactant particles    whereby they adhere to each other and become immobilized within the pathway.

**SUBSTITUTE ABSTRACT OF THE DISCLOSURE WITH CHANGES****INCORPORATED****ABSTRACT OF THE DISCLOSURE**

A potential energy field flow bioreactor for processing a reagent includes a flow pathway, preferably in the form of a spiral, through which pathway is flowed reactant particles and at least one initial reagent adapted to react therewith. The reaction generates an energy potential difference between the beginning of said pathway and its end thereby polarizing the reactant particles, whereby they adhere to each other and become immobilized within the pathway.

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